

# Converting Colors

Hex(4F0103)

Have a look what the booklet for  
Hex(4F0103) contains.

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**Color**

**Hex(4F0103)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F0103
RGB	79, 1, 3
RGB Percent	31%, 0%, 1%
CMY	0.6902, 0.9961, 0.9882
CMYK	0.00, 0.99, 0.96, 0.69
HSL	358°, 98%, 16%
HSV	358°, 99%, 31%
XYZ	3.2517, 1.6905, 0.2411
YIQ	24.5500, 45.8460, 17.1580

# Conversions

## Conversions Part 2

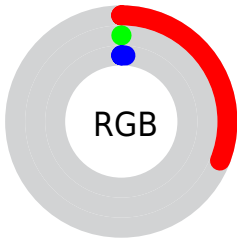
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 1, 3
Decimal	5177603
CIE Lab	13.77, 33.99, 20.30
CIE LCh	14, 39.589, 30.841
Yxy	1.6905, 0.6273, 0.3261
Android (android.graphics.Color)	4283367683 (0xFF4F0103)
YUV	24.5500, -10.6241, 47.7527
Hunter-Lab	13.0021, 21.8880, 8.0022

# Details

The Hex color **4F0103** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **014F4D**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **863631**, and **110000** is the 20% darker color. If you saturate the color by 10%, you get **4F0002**, and if you desaturate by 10%, it is **4F090B**.

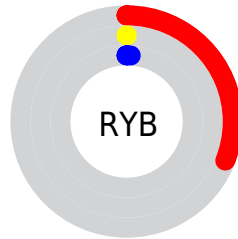
# Distribution



Red (31%)

Green (0%)

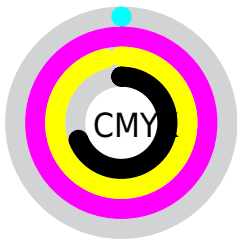
Blue (1%)



Red (31%)

Yellow (0%)

Blue (1%)

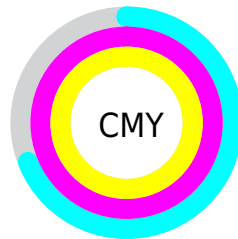


Cyan (0%)

Magenta (99%)

Yellow (96%)

Black (69%)



Cyan (69%)

Magenta (100%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F0103 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 4F0103 by changing the saturation by 10% instead.



 4F0103

 4F0103

 FFF0E4

 350000

 863631

 110000

 A24E48

 000000

 BF685F

 DD8278

 FA9C92

 FFB8AC

 FFD4C8

 4F0103

 4F0103

■ 4F0002

■ 4F090B

■ 4F1112

■ 4F191A

■ 4F2122

■ 4F2929

■ 4F3031

■ 4F3839

■ 4F4041

■ 4F4848

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



510024



4F0103



411600

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4F0103



002D01



00275B

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4F0103



014F4D

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



002D54



4F0103



002E23

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4F0103



102900



002E3F



1E1B53

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4F0103



341F00



002E3F



00295B



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4F0103



664748



4C014F



332121



B3B3B3



333333



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4F0103



660003



4F2501



262223



E60006

# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4F0103



660003



012B4F



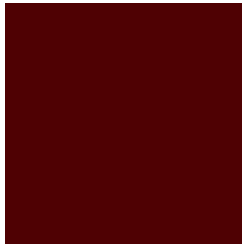
262223



E60006

# Previews

## White Background



This preview shows how the Hex color 4F0103 looks on a white background.

## Color Contrast Check

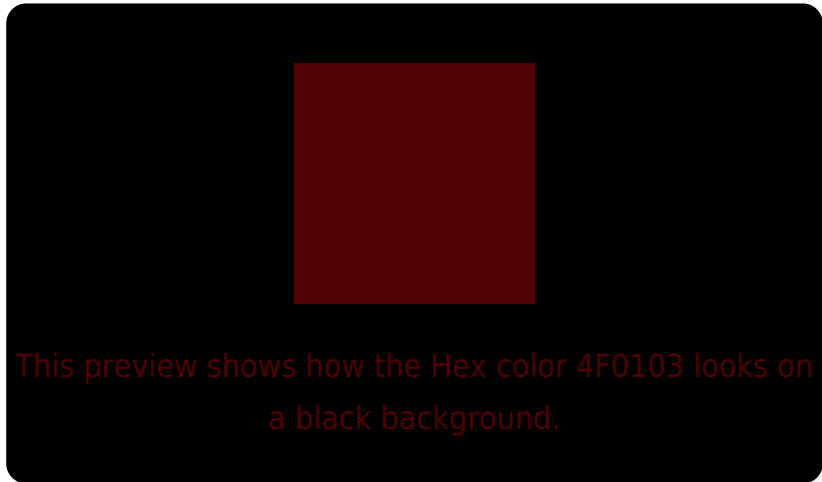
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

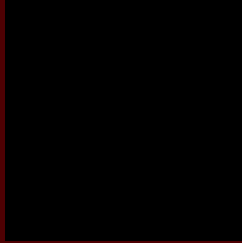
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## Hex 4F0103 Background



This preview shows how black text looks on a background with the Hex color 4F0103.

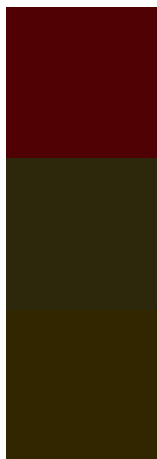


This preview shows how white text looks on a background with the Hex color 4F0103.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
4F0103

**Protanopia**  
2D280B

**Deuteranopia**  
322600





**Tritanopia**  
4E0700

# Trichromacy



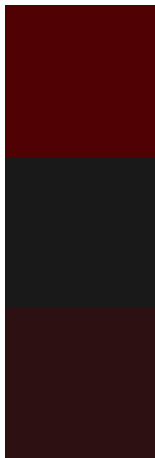
**Original Color**  
4F0103

**Protanomaly**  
391A08

**Deuteranomaly**  
3D1901

**Tritanomaly**  
4E0501

# Monochromacy



**Original Color**  
4F0103

**Achromatopsia**  
191919

**Achromatomaly**  
2D1011

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F0103 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #4F0103 looks like.

```
.text, #text, p{  
    color:#4F0103  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #4F0103 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F0103
}
```

## Border

The CSS property to change the border of an element to Hex 4F0103 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

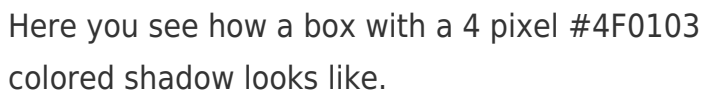
```
.border, #border, table{ border:4px solid
#4F0103 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#4F0103 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #4F0103 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #4F0103 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F0103; -webkit-box-shadow:4px 4px  
4px 4px #4F0103; box-shadow:4px 4px 4px  
4px #4F0103 }
```

# Background

The CSS property to change the background color of an element to Hex 4F0103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F0103 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#4F0103 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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